

Materials	Aluminium & Polymide
Pressure	10 Bar
Ports	1/8" & 1/4"
Element	12.32.□

RAN112 series filter regulator housings are specified for 1/8" & 1/4" line size applications and have a filter element integrated into the regulator.

The housings are constructed from aluminium and polymide with a plastic bonnet. The regulators can be supplied as relieving or non-relieving and the suffix .R or .NR should be used after the part number.

Springs can be supplied for 0-2, 0-4 and 0-8 Bar, see table below for part number suffix

Standard housings have NPT ports and Viton seals.



Technical Specifications

Housing Model	RAN112.101	RAN112.111	RAN112.161	RAN112.201	RAN112.211	RAN112.261
Port Size	1/8" NPT	1/8" NPT	1/8" NPT	1/4" NPT	1/4" NPT	1/4" NPT
Drain Port	None	1/8" NPT	Manual	None	1/8" NPT	Manual
Maximum Inlet Pressure, Bar	10	10	10	10	10	10
Maximum Temperature, °C	60	60	60	60	60	60
Materials of Construction (1)						
Body	AL & PA	AL & PA	AL & PA	AL & PA	AL & PA	AL & PA
Bonnet	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
Seal & Diaphragm	Viton	Viton	Viton	Viton	Viton	Viton
Other Internal Parts	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
Filter Element Code (2)	12.32.□	12.32.□	12.32.□	12.32.□	12.32.□	12.32.□
Principal Dimensions in mm						
Diameter	40	40	40	40	40	40
Height	161	161	174	161	161	174
Weight, kg	0.15	0.15	0.15	0.15	0.15	0.15
Type Suffix (3)						
Relieving	.R	.R	.R	.R	.R	.R
Non-relieving	.NR	.NR	.NR	.NR	.NR	.NR
Spring Suffix (4)						
0-2 Bar	.30	.30	.30	.30	.30	.30
0-4 Bar	.60	.60	.60	.60	.60	.60
0-8 Bar	.120	.120	.120	.120	.120	.120
Accessories						
Mounting Bracket	MBRSP10	MBRSP10	MBRSP10	MBRSP10	MBRSP10	MBRSP10
Pressure Gauge (4)	SPRGA10	SPRGA10	SPRGA10	SPRGA10	SPRGA10	SPRGA10

Notes

(1) Material abbreviations, AL = Aluminium, PA = Polymide

(2) Replace the □ with the grade required, e.g. 12.32.5K, 12.32.S10V

(3) Add suffix for Relieving or Non-relieving types and for the spring type, (e.g. RAN112.101.N.120)

(4) Add suffix for pressure range, (e.g. PRGA10.120)